



National Weather Service

Storm Data and Unusual Weather Phenomena



August 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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MINNESOTA, Northeast

Koochiching County

International Falls	16	1500CST			0	0	25K		Lightning
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Lightning struck and shattered a 20-foot fiberglass church steeple. The lightning also caused a fire that was confined to the steeple and roof. No one was injured.

Koochiching County

2 S Pelland	16	1655CST			0	0			Hail (0.88)
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Koochiching County

Littlefork	16	1727CST			0	0			Hail (2.75)
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Cass County

Walker	16	1915CST			0	0			Thunderstorm Wind (G70)
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Winds estimated at 70 to 80 mph knocked down trees and power lines.

St. Louis County

5 W Tower	16	1917CST			0	0			Thunderstorm Wind (G50)
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Trees were blown down on houses and roads. The wind speed is estimated.

Cass County

Remer	16	1950CST			0	0			Thunderstorm Wind (G50)
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Ten-inch diameter trees were blown down. The wind speed is estimated.

St. Louis County

Hibbing	16	2000CST			0	0	10K		Lightning
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Lightning struck a home, starting a fire that caused an estimated \$10,000 in damage. There were no injuries.

St. Louis County

Hibbing	16	2010CST			0	0			Hail (0.75)
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Cass County

Longville	16	2013CST			0	0			Thunderstorm Wind (G50)
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Trees were blown down. The wind speed is estimated.

Cass County

Remer	16	2023CST			0	0			Thunderstorm Wind (G50)
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Trees were blown down. The wind speed is estimated.

St. Louis County

Aurora	23	1706CST			0	0			Hail (1.00)
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St. Louis County

Hoyt Lakes	23	1714CST			0	0			Hail (0.75)
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St. Louis County

Twig	23	1740CST 1747CST			0	0			Hail (1.50)
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St. Louis County

Hermantown	23	1750CST			0	0			Hail (1.25)
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St. Louis County

Duluth	23	1754CST 1805CST			0	0	50M		Hail (3.50)
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Hail size ranged from .75 inch in diameter in the Woodland neighborhood on the northeast side of the city to 3.5 inches in Lincoln Park in West Duluth. The hail caused considerable damage to vehicles, roofs, gardens, and patio furniture. The dollar amount of property damage is an estimate based on insurance claims.

Lake County

Beaver Bay	23	1800CST			0	0			Hail (1.50)
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St. Louis County

Duluth	23	1816CST			0	0			Thunderstorm Wind (G53)
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					Killed	Injured	Property	Crops	

MINNESOTA, Northeast

A thunderstorm wind gust to 53 knots was measured by automated observing equipment at Sky Harbor Airport in the Duluth-Superior harbor.

Itasca County

10 W Squaw Lake

26 1430CST

0

0

Thunderstorm Wind (G52)

Strong thunderstorm winds caused considerable tree damage. A National Weather Service cooperative observer estimated the wind speed at 60 mph.

WISCONSIN, Northwest

Douglas County

Superior

23 1801CST

0

0

Hail (1.75)

Douglas County

.5 N Maple

23 1835CST

0.1

25

0

0

28.5K

Tornado (F0)

An older model trailer home was tipped on its side by a weak tornado. Douglas County Sheriff's deputies followed the funnel cloud and saw it briefly touch down. The east half of the roof of the mobile home was located about 150 yards away, wrapped around a tree. The mobile home was not fastened down. A nearby garage was also destroyed.

Douglas County

Brule

23 1855CST

0

0

Hail (0.75)

Bayfield County

Iron River

23 1900CST

0

0

Hail (1.75)

Ashland County

4 SW Butternut

23 2130CST

0

0

Thunderstorm Wind (G55)

A 35-foot TV antenna was bent in half and numerous 6-8 inch diameter branches were torn off elm trees. Several trees up to 30 inches in diameter were uprooted. The wind speed is estimated.